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General Assembly

22nd, 23rd and 24th March 2022 - Online

CONTENT

STRUCTURE OF THE AGENDA

DAY 1: 22/03/2022	**09:00 – 13:00**	**PLENARY 1**		
	14:00 – 16:00	**Parallel Session 4.1:** DATA MANAGEMENT WG 1/2		
DAY 2: 23/03/2022	**09:00 – 10:30**	**Focus Topic** – DIGITALISATION		
	10:30 – 10:45	Coffee Break		
	10:45 – 13:00	**Parallel session 1** **REGULATION WG**	**Parallel session 2** **STORAGE**	**Parallel session 3** **CONSUMER AND CITIZEN ENGAGEMENT WG**
	13:00 – 14:00	Lunch Break		
	14:00 – 16:00	**Parallel session 4.2** **DATA MANAGEMENT WG 2/2**	**Parallel session 5** **BUSINESS MODELS WG**	
DAY 3: 24/03/2022	**09:00 – 12:30**	**PLENARY 2**		

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-In the next days, an ACCESS CARD with the TEAMS links to all the sessions will be distributed

Day 1: Plenary (22nd March)

9:00 – 9:10	**Welcome & presentation of the agenda** – BRIDGE Secretariat / George Paunescu – Policy Officer ENER.B5 - Innovation, Research, Digitalisation, Competitiveness
9:10 – 9:25	**Keynote speech** – Paula Pinho, Director, ENER.B - Just Transition, Consumers, Energy Efficiency and Innovation
9:25 – 9:40	**Policy update** –Vincent Berrutto - Head of unit ENER.B5 - Innovation, Research, Digitalisation, Competitiveness

09:40 – 10:40	**Plenary 1.1: Presentation of 2021 actions by Working Groups**
	
	    WG Regulation
	    WG Data Management
	    WG Consumer and Citizen Engagement
	    WG Business Models

10:40 – 11:00	Coffee Break

11:00 – 11:45	**Plenary 2: New BRIDGE Projects**
	5 new projects. Each project will address 2 issues:
	    1) Intro & objectives of the project
	    2) Identification of areas that match the current work in BRIDGE
	
	TOPIC: LC-SC3-ES-3-2018-2020: Integrated local energy systems (Energy islands)
	<table><tr><td>**LocalRES – 3min**</td><td>Alberto Belda González</td></tr><tr><td>**SERENE – 3min**</td><td>Birgitte Bak-Jensen</td></tr></table>*5 min open discussion to identify ongoing projects that can "coach" new ones*
	
	TOPIC: LC-SC3-RES-16-2019 - Development of solutions based on renewable sources that provide flexibility to the energy system
	<table><tr><td>**EdgeFLEX – 3min**</td><td>Antonello Monti</td></tr></table>*5 min open discussion to identify ongoing projects that can "coach" new ones*
	
	TOPIC: LC-SC3-ES-13-2020 - Integrated local energy systems (Energy islands): International cooperation with India
	<table><tr><td>**SUSTENANCE – 3min**</td><td>Birgitte Bak-Jensen</td></tr><tr><td>**RE-EMPOWERED – 3 min**</td><td>Panos Kotsampopoulos</td></tr></table>*5 min open discussion to identify ongoing projects that can "coach" new ones*

11:45 – 12:10	Coffee Break
12:10 – 12:40	**Plenary 3: ETIP Smart Networks for Energy Transition** Presentation on the EU platform's current work and link to BRIDGE – Jan Okko Ziegler (ETIP SNET Chair) and Nikos Hatziargyriou (Technical advisor of the ETIP SNET CORE TEAM) The objective of this session is to strengthen the interaction between the two initiatives, to identify synergies and to optimise resources
12:40 – 13:00	**Plenary 4: Clean Energy Transition Partnership *(CETP)* and JPP SES** Presentation of the CEPT and JPP SES initiatives and latest updates
13:00 – 14:00	Lunch Break

14:00 – 16:30	**Parallel Session 4.1 – DATA MANAGEMENT WG 1/2 - The 1st part of the DATA MANAGEMENT WG session. Check agenda in the next pages.**

Day 2: Focus Topic and Parallel Sessions (23rd March)

DAY 2: 23/03/2022	09:00 – 10:30	Focus Topic – DIGITALISATION		
	10:30 – 10:45	Coffee Break		
	10:45 – 13:00	Parallel session 1 REGULATION WG	Parallel session 2 STORAGE	Parallel session 3 CONSUMER AND CITIZEN ENGAGEMENT WG
	13:00 – 14:00	Lunch Break		
	14:00 – 16:00	Parallel session 4.2 DATA MANAGEMENT WG 2/2		Parallel session 5 BUSINESS MODELS WG

Day 3 Morning: Plenary (24th March)

09:00 – 09:15	**Plenary 5: Presentation of 2021 actions by Task Forces** TF Replicability and Scalability (Dr. Christina Papadimitriou – University of Cyprus)
09:15 – 09:50	**Plenary 6**: **Ended BRIDGE Projects: 5** projects presenting: 1) their key exploitable results and benefits from BRIDGE 2) recommendations to new/ongoing projects 	**inteGRIDy– 6min**	Javier Valiño	 	**CROSSBOW – 6 min**	Manuel Serrano	 	**SMILE – 6 min**	Giannicola Loriga	 	**EU-SySFLEX –6 min**	Marie-Ann Evans	 	**FLEXITRANSTORE – 6 min**	Nikos Bilidis	 Q&A – 5min
09:50 – 10:20	**Plenary 7: International Cooperation -** The aim of the session is to reflect on the place for international work in the smart grids area, and to raise interest among BRIDGE projects. The session will start with an EC overview on international priorities by Peter Horvath, Policy Officer, ENER.B5. Then Luciano Martini, RSE Department Director, will present collaboration opportunities under major international smart grids initiatives (CEM-ISGAN, MI Green Powered Future Mission). BRIDGE projects will share their work and reflections on international collaboration. - COORDINET - José Pablo Chaves Ávila (COMILLAS) - E-LAND - Sanket Puranik (SMART INNOVATION NORWAY)
10:20 – 10:35	**Plenary 8: EIRIE platform** JRC will present the EIRIE interactive multi-functional platform and its latest updates.
10:35 – 10:50	**Plenary 9: Joint Communication** Latest updates on actions related to BRIDGE digital infrastructure and future events.
10:50 – 11:10	Coffee break
11:10 – 12:15	**Plenary 10:** *Concluding the BRIDGE General Assembly* Presentation of key results of the sessions and discussion on follow-up. Presentation on next steps and possible new topics to be addressed.
12:15 – 12:30	**Conclusions and Closing-** Mark van Stiphout - Deputy Head of Unit ENER.B5 Innovation, Research, Digitalisation, Competitiveness
12:30	End of the BRIDGE General Assembly 2022

BRIDGE FOCUS TOPIC AND PARALLEL SESSIONS AGENDAS

Focus Topic Session: DIGITALISATION OF THE ENERGY SECTOR			
This session will be focused on the digitalisation aspects of the energy sector – needs, opportunities, priorities for action. The European Commission is preparing an Action Plan on the Digitalisation of Energy – *"Digitalisation of Energy Action Plan (DoEAP)"* and the work of BRIDGE community is providing relevant input. The session will bring those two components together, facilitate discussions and conclude on the way forward			
09:00 – 09:05	Introduction	Welcome and introductions – 5 min	George Paunescu (DG ENER)
09:05 – 09:15	Digitalisation of Energy Action Plan (DoEAP)	A policy Perspective – DoEAP concept and main elements	George Paunescu (DG ENER)
09:15 – 09:45	Views from the BRIDGE Working Groups (WGs)	The BRIDGE WGs present their views, main findings and recommendations regarding both digitalisation in general and DoEAP, where relevant	WG Data Management (10') — Olivier Genest (TRIALOG – Data Management WG Chair); WG Regulation (5') — Helena Gerard (VITO - Regulation WG Chair); WG Consumer & Citizen Engagement (10') — Stanislas d'Herbemont (REScoop.eu – CCE WG Chair); WG Business Models (5') — Andrej Gubina (University of Ljublijana – BM WG Chair)
09:45 – 10:20	Panel discussion	A debate aiming to define priorities with regard to the digitalisation of energy and how BRIDGE action could support them. Questions and comments from the audience will be invited (via chat box/ function).	Mark Van Stiphout (DG ENER) WG Chairs and Vice-Chairs
10:20 – 10:30	Conclusions and closing the session	Mark Van Stiphout (DG ENER)	

Parallel Session 1: REGULATION WG

Recap on the activities tackled during 2021 and discussion on the new topics for 2022. The four tracks identified in 2021 will be presented through the 5 actions that have been developed: products design, service provision for energy communities, coordination and system security, flexibility mechanisms, and local markets. Not only the main conclusions of each actions – included in the annual report – will be presented, but also the feedback received at the Dynamic Knowledge sharing workshops organised by several of the actions. The discussion on the future topics and next steps will be triggered from the already performed analyses on each of the tracks for 2022.

Time					
10:45 – 10:50	Welcome and Introduction				Helena Gerard and Manuel Serrano Matoses (Regulation WG chairs)
10:50 – 11:00	Market Design Challenges to support a large-scale uptake of flexibility				Helena Gerard (VITO)
11:00 – 12:15	Presentation of the Actions in the WG Regulation	*Action 1: Product harmonization of system services - 15 min.*	OneNet		Dominguez Iniguez Fernando
		Action 2: Service provision by energy communities - 15 min.	TwinERGY		Anastasios Karameros
		Action 3: Cross-border and regional cooperation - 15 min.	TRINITY		Marta Gacic
		Action 4: Market integration - 15 min.	EUniversal		José Pablo Chaves Avila & Matteo Troncia
		Action 5: Local market design - 15 min.	Coordinet		Kris Kessels
12:15 – 12:20	Introduction EC – DG ENER				Mathilde LALLEMAND-DUPUY (DG ENER)
12:20 – 12:45	Panel discussion on flexibility barriers and solutions observed – where could the new NC on Flexibility bring clarity				o 5 action leaders o Thorsten Knop (E.ON) o George Trienekens (Tennet)
12:45 – 13:00	Wrap-up and closing of the session				Manuel Serrano Matoses (ETRA)

*This session will be attended by ETIP-SNET representatives: Antonio Iliceto – Honorary Co-Chair of ETIP SNET WG1

Parallel Session 2: STORAGE

This session will be focused on analysing and identifying synergies on various ongoing actions/cooperation groups addressing sustainable storage technologies and solutions. A policy update will be presented by the EC (ENER) followed by interventions of ETIP-SNET storage WG and Batteries Europe. This session also aims at taking the first steps to identify and/or confirm a core small group of storage experts that can provide regular non-political input on storage to the EC.

10:45 – 10:55	Introduction	Welcome and introductions – 10 min		Patrick Clerens (EASE)
10:55 – 11:10		POLICY UPDATE EC (15 min)		EC including Aleksandra Kronberga (DG ENER)
11:10 – 11:45	STORAGE initiatives	Introduction to the different initiatives and groups and presentation of their relevant actions and complementarities	EASE intervention (7)	EASE
			BATTERIES EU intervention (7)	Luigi Lanuzza (ENELX) Chair WG6
			ETIPSNET intervention (7)	Franco Di Persio (CIRCE) Chair WG2
			TH!NK-E (7) – views on how BRIDGE project can provide input from storage side	Leen Peeters (Th!nkE) BRIDGE
11:45 – 12:00		OPEN DEBATE – 15 min		Patrick Clerens (EASE)
12:00 – 12:15	STORAGE Expert Group	Announcing the creation of (reduced) **STORAGE EXPERT GROUP**, presenting 1 slide on the background, 1 slide on the structure we are looking , questionnaire for candidates (proactive, expert, recognised in storage field) - (15 min)		Aleksandra Kronberga (DG ENER)
12:15 – 12:50	Conclusions and closing the session	DG ENER & CLERENS		

*This session will be attended by ETIP-SNET representatives: Franco di Persio – Chair of ETIP SNET WG2

Parallel Session 3: CONSUMER & CITIZEN ENGAGEMENT WG

The session will focus on developing the Consumer and Citizen Engagement Working Group (CCE WG) Work Plan for the next 1-2 years, based on the conclusions and results from the 2022 report including the gaps and needs identified during the previous Work Plan period (2020-2021). The structure of the CCE WG will be reviewed and any changes needed for the current subgroups will be considered: 1. Sociocultural drivers and indicators of engagement; 2. Strategies of engagement; 3. Governance & Organisational Models; 4. Smart Tools. The session will also look at the CCE WG Chairs´ role and projects´ participation process to establish successful cooperative work practices.

Time	Topic	Format	Description	Lead
10:45 - 10:55	WELCOME	Plenary	• Welcome address • Recap of goals, work and objectives of the working group to date • Introduction of Johanna as new Chair	Stanislas d'Herbemont (outgoing Chair)
10:55 – 11:05	WORK PLAN 2022	Plenary	• Presentation of potential topics for the CCE WG to focus on during 2022	Johanna Hoffken (incoming Chair)
11:05 - 11:10		Plenary	• 1 min pitch per Subgroup (SG) leader for the topic (leaders)- moderated by Johanna	SG leaders / Moderated by Johanna Hoffken
11:10 – 11:40		Breakout	Identification of priorities within each SG: • What 2-3 issues do you want to work on? • What are the corresponding 2-3 concrete outcomes/formats/deliverables (list of indicators) to achieve those?	SG leaders
11:40 – 12:00	COFFEE BREAK	Break	Break	Break
12:00 – 12:20	WG PLAN – reporting back	Plenary	• Each breakout session leader/rapporteur presents results from SG discussions (5 min pitch per SG)	Johanna Hoffken & Leadership team
12.20-12.25	Why BRIDGE matters	Plenary	• Short enthusisam pitch by Christiana	Cristiana Marchitelli
12.25-12.40	How we can make it matter	Plenary	• ways to structure/organize our WG/SG work	Johanna Hoffken
12.40-12.50	Q&A / CLOSURE	Plenary	Q&A and, final remarks and conclusions	Johanna Hoffken / All

*This session will be attended by ETIP-SNET representatives: Elena Boskov-Kovacs – Chair of ETIP SNET WG4

Parallel Session 4.1: DATA MANAGEMENT WG 1/2 (on March 22nd)

The purpose of this session is to discuss about practical solutions to enable the interoperability of demand-side flexibility and home appliances, at several levels: (1) use-cases and system design, (2) interoperability framework for smart grid and smart homes and (3) interoperability testing and certification.			
14:00 – 14:05	Introduction	Introduction: purpose and scope of the session	Olivier Genest (DM WG chair)
14:05 – 15:50	Building on the recommendations from Interoperability of Flexibility Assets report 2022	Increasing the impact of the GBPs & catalogue of standards – 20 min (short intro + discussion) • Added value for BRIDGE projects and abroad • Extend beyond flexibility? • Extend beyond BRIDGE? (incl. link with Action #4)	Ismini Dimitriadou All (led by Ismini Dimitriadou)
		Focus on some interfaces – 20 min (short intro + discussion) • Demand responses and appliances (see next sub-session) • Market interfaces • Settlement subprocess	Olivier Genest All (led by Olivier Genest)
		Wrap-up / Conclusion – 5 min	Olivier Genest
14:50 – 16:20	Interoperability of home appliances	Introduction of the scope & issue – 5 min	Olivier Genest
		Overview of objectives and past & current work from European Commission – 10 min	Georgios Takoudis (ENER B.3)
		Related initiatives and their contribution to the interoperability of home appliances: • InterConnect – 8 min • JRC – 8 min • IntNET – 8 min • Other initiatives (open discussion) – 10 min	Ioulia Papaioannou (JRC) David Rua (InterConnect) Antonello Monti (IntNET) All (led by Olivier Genest))
		Experience & needs from projects (discussion) – 3 projects * 4 min = 12 min + 18 min open discussion In particular EC-3 "customer engagement and demand-response" projects, i.e. ACCEPT, BRIGHT, HESTIA, iFLEX, REDREAM, SENDER, TwinERGY	Projects: ACCEPT (Ismini Dimitriadou), TwinERGY (Giorgos Papadopoulos), domOS (Dominique Gabioud) All (led by Olivier Genest)
		Wrap-up / Conclusion – 10 min	Olivier Genest
16:20 – 16:30	Conclusion	Conclusion & next steps – 10 min	Olivier Genest

Parallel Session 4.2: DATA MANAGEMENT WG 2/2 (on March 23rd)

The purpose of this session is to discuss actions enabling the scale-up and replication of the energy and cross-sector data exchange at EU level from several interoperability angles: (1) mapping the demonstrations to EU data exchange reference architecture (2) alignment and synergies from using a cross-projects repository of use-cases and (3) facilitating the market processes through standardisation.

14:00 – 14:05	Introduction	Purpose and scope of the session	Kalle Kukk
14:05 – 14:50	BRIDGE data exchange reference architecture DERA2.0	Reminder of the main recommendations and presentation of next steps – 5 min	Kalle Kukk
		Ebalance-plus project – 5 min	Krzysztof Piotrowski
		INTERRFACE/OneNet project – 5 min	Konstantinos Kotsalos
		OPEN DEI architecture – 5 min	Angelo Marguglio
		Discussion – 20 min	All (led by Kalle Kukk)
14:50 – 15:20	BRIDGE use case repository	Reminder of the main recommendations and presentation of next steps – 5-10 min	Lola Alacreu
		Ambition and development of the use case repository – 5-10 min	George Paunescu (ENER B.5), Mariana Stantcheva (CINEA)
		Discussion – 10-20 min	All (led by Lola Alacreu)
15:20 – 15:50	BRIDGE contribution to standardisation	Reminder of the main recommendations and presentation of next steps – 7 min	Eric Lambert
		Presentation CEN/CLC/ETSI CG-SG – 8 min	Jörg Seiffert (CG-SG)
		Discussion on the next steps / workplan for 2022 and beyond – 15 min	All (led by Eric Lambert)
15:50 – 16:00	Conclusions	Next steps	Kalle Kukk

*This session will be attended by ETIP-SNET representatives: Venizelos Efthymiou – Honorary Co-Chair of ETIP SNET WG5

Parallel Session 5: BUSINESS MODELS WG

Based on the knowledge generated in the BRIDGE projects, Topic 1 of Business Model WG is focusing on investigation of relationship of Use Cases (UC) and cross-domain Business Models (BM), where BM could be nested inside the value chain segments described by UCs, and their impact analysed via KPIs. The specific project results will be highlighted and used in benchmarking (e.g., examples of benefits). The work is conducted through the 3 separate Tasks supporting the main conclusions of the WG.

14:00 – 14:05	Introduction	Welcome and introductions – 5 min		Andrej Gubina (BM WG Chair)
14:05 – 14:10		EC DG ENER intervention – 5 min		Dana Dutianu (CINEA)
14:10 – 14:55	WG Presentation per task	The role of the business models in the current BRIDGE projects	Value Chain Analysis Methodology – 15 min	Camilla Neumann (JOANNEUM)
			Use Case Monitoring and Evaluation – 15 min	Mark McGranaghan (EPRI)
			Benchmarking of Benefits – 15 min	Evangelos Koulis (STRATAGEM)
14:55 – 15:20	Interactive task sessions in <u>virtual rooms</u>	Discussion of the WG findings on Topic 1: Investigation of relationship of Use Cases and cross-domain Business Models with the participants. Collaborative discussion of the results	Value Chain Analysis Methodology – 30 min	Andreas Tuerk (JOANNEUM)
			Use Case Monitoring and Evaluation – 30 min	Mark McGranaghan (EPRI)
			Benchmarking of Benefits – 30 min	Andrej Gubina (BM WG Chair)
15:20 – 15:35	Interactive task sessions' conclusions	Rapporteurs from the three interactive sessions present their findings in the joint session. Formulation of the session conclusions.		Evangelos Koulis (STRATAGEM)
				Mark McGranaghan (EPRI)
				Camilla Neumann (JOANNEUM)
15:35 – 16:00		General discussion and Q&A		Alessandra Cuneo (BM WG co-chair)

*This session will be attended by ETIP-SNET representatives: Mahboubeh Hortamani (ETIP SNET WG5 Chair) / Christina Papadimitrious (ETIP SNET WG5 Co-Chair) / Miguel Angel Sanchez Fornie (Honorary Co-Chair of ETIP SNET WG4) / Natalie Samovich (ETIP SNET WG1 Chair)

BACKGROUND ON SESSIONS

1) Focus Topic Session: DIGITALISATION OF THE ENERGY SECTOR

This session will be focused on the digitalisation aspects of the energy sector – needs, opportunities, priorities for action. The European Commission is preparing an Action Plan on the Digitalisation of Energy – "Digitalisation of Energy Action Plan (DoEAP)" and the work of BRIDGE community is providing relevant input. The session will bring those two components together, facilitate discussions and conclude on the way forward.

2) Parallel Session 1: REGULATION WG

Recap on the activities tackled during 2021 and discussion on the new topics for 2022. The four tracks identified in 2021 will be presented through the 5 actions that have been developed: products design, service provision for energy communities, coordination and system security, flexibility mechanisms, and local markets. Not only the main conclusions of each actions – included in the annual report – will be presented, but also the feedback received at the Dynamic Knowledge sharing workshops organised by several of the actions. The discussion on the future topics and next steps will be triggered from the already performed analyses on each of the tracks for 2022.

3) Parallel Session 2: STORAGE

This session will be focused on analysing and identifying synergies on various ongoing actions/cooperation groups addressing sustainable storage technologies and solutions. A policy update will be presented by the EC (ENER) followed by interventions of ETIP-SNET storage WG and Batteries Europe. This session also aims at taking the first steps to identify and/or confirm a core small group of storage experts that can provide regular non-political input on storage to the EC.

4) Parallel Session 3: CONSUMER & CITIZEN ENGAGEMENT

The **Consumer and Citizen Engagement Working Group (CCE WG)** will articulate its session around three main exercises. First, the group will discuss potential objectives and activities that the CCE WG should focus on during the next 1-2 years, based on the conclusions and recommendations from the 2022 report. After the discussion, a review of the current structure will be carried out to define if the existing subgroups would meet the objectives and activities described for the Work Plan or if any changes or updates are needed. Finally, an assessment of how the CCE WG Chair and projects´ should contribute to fulfil the objectives and activities described will be performed.

Current subgroups are as follows:

1. Sociocultural drivers and indicators of engagement
2. Strategies of engagement
3. Governance & Organisational Models
4. Smart Tools

Objectives of the session:

- Establish a new Work Plan
- Review current CCE WG structure
- Assess how CCE WG Chair and members could effectively contribute to the Work Plan.

5) Parallel Session 4.1: DATA MANAGEMENT WG 1/2

Interoperability of demand-side flexibility and home appliances

Based on the work done in BRIDGE since 2020 on the interoperability of flexibility assets, and the on-going or upcoming activities from InterConnect H2020 project (*interoperable and smart homes and grids)*, EC Joint Research Center (JRC) and IntNet HE project (*interoperability community support* action), the purpose of this session is to discuss about practical solutions to enable the interoperability of demand-side flexibility and home appliances, at several levels: (1) use-cases and system design, (2) interoperability framework for smart grid and smart homes and (3) interoperability testing and certification.

6) Parallel Session 4.2: DATA MANAGEMENT WG 2/2

Scale-up and replication of the energy (and cross-sector) data exchange at EU level

Based on the work done in BRIDGE since 2020 on the EU data exchange reference architecture (DERA), the use-case repository and the contribution of BRIDGE projects to standardisation, the purpose of this session is to discuss about activities enabling the scale-up and replication of the energy and cross-sector data exchange at EU level from several interoperability angles: (1) mapping the demonstrations to EU data exchange reference architecture (2) alignment and synergies from using a cross-projects repository of use-cases and (3) facilitating the market processes through standardisation.

7) Parallel Session 5: BUSINESS MODELS WG

Based on the knowledge generated in the BRIDGE projects, Topic 1 of Business Model WG is focusing on investigation of relationship of Use Cases (UC) and cross-domain Business Models (BM), where BM could be nested inside the value chain segments described by UCs, and their impact analysed via KPIs. The specific project results will be highlighted and used in benchmarking (e.g., examples of benefits). The work is conducted through the 3 separate Tasks supporting the main conclusions of the WG.